SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE HAVING A LEAKAGE CURRENT CUTOFF CIRCUIT, CONSTRUCTED USING MT-CMOS, FOR REDUCING STANDBY LEAKAGE CURRENT

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ABSTRACT OF THE DISCLOSURE

A semiconductor integrated circuit device has a 10 high-threshold N-channel type MIS field effect transistor and a load circuit. The high-threshold N-channel type MIS field effect transistor is connected between a real high-potential power supply line and a pseudo highpotential power supply line. The load circuit has a low-15 threshold P-channel type MIS field effect transistor and a low-threshold N-channel type MIS field effect transistor. A first power supply terminal of the load circuit is connected to the pseudo high-potential power supply line, and a second power supply terminal of the 20 load circuit is connected to a real low-potential power supply line.